USER MANUAL

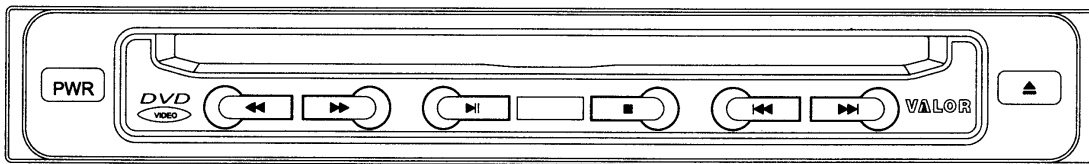## HALF-DIN MOUNTING
MULTIMEDIA PLAYER

## Model: DV-190

Thank You!

Thank you for choosing a *VALOR Multimedia* product. We hope you will find instructions in this owner's manual clear and easy to follow. If you take a few minutes to look through it, you'll learn how to use all the features of your new VALOR Half-Din Mounting Mobile Multimedia(DVD/VCD/CD/MP3/WMA)Player for maximum enjoyment.

CONTENTS

INSTALLATION

Before installing or using this unit, please read this manual carefully to ensure correct operation. Keep the manual at hand for future reference. We recommend having your DV-190 installed by an authorized installer or reputable installation center.
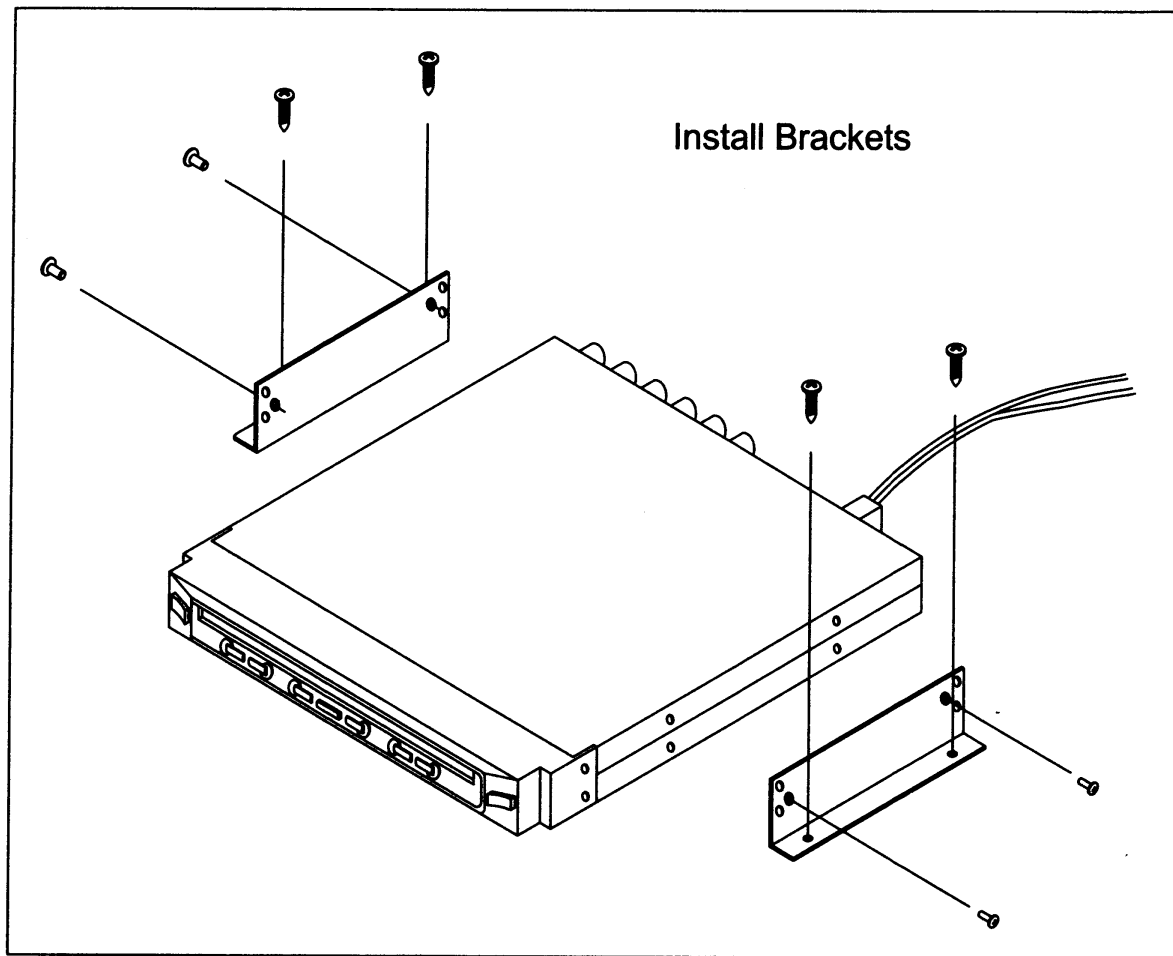
Install Brackets

* Note: To prevent a short circuit, be sure to turn off the ignition and remove the negative(-) battery cable prior to installation.

1. Remove the old unit installed.
2. Install brackets to the new unit supplied.
3. Connect wires.
4. Carefully slide the unit and frame into dash opening and secure.

WIRE CONNECTION
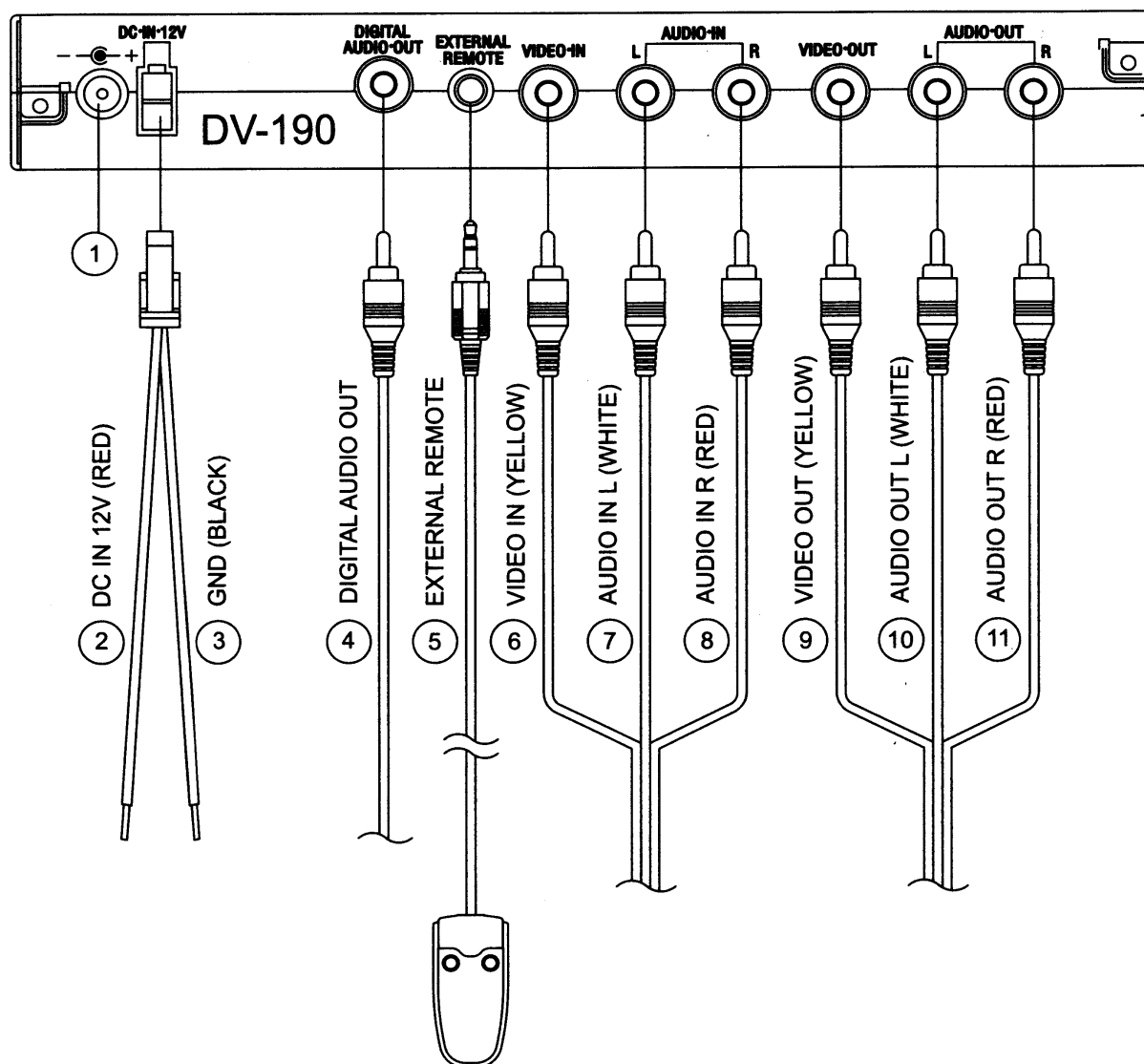
TERMINAL NO	COLOR	REMARK
1		DC 12V JACK
2	RED	DC IN 12V
3	BLACK	GROUND
4		DIGITAL AUDIO OUT
5		EXTERNAL REMOTE
6	YELLOW	VIDEO IN
7	WHITE	AUDIO IN L
8	RED	AUDIO IN R
9	YELLOW	VIDEO OUT
10	WHITE	AUDIO OUT L
11	RED	AUDIO OUT R

UNIT DISPLAY
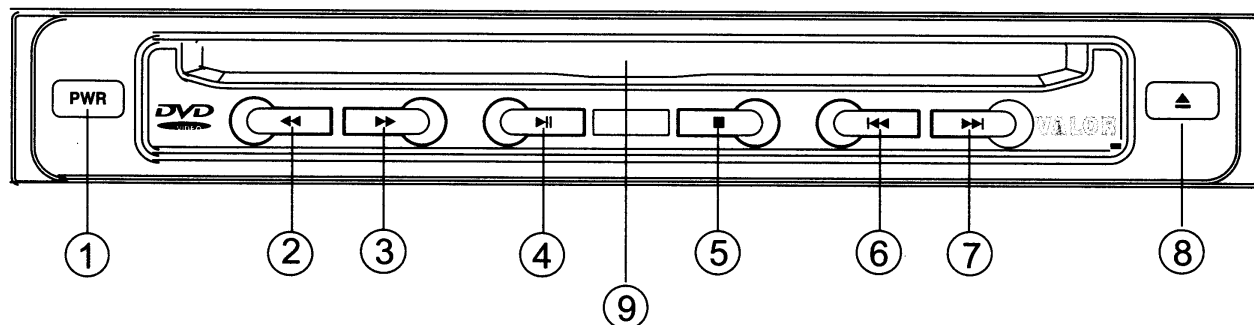
REMOTE CONTROL
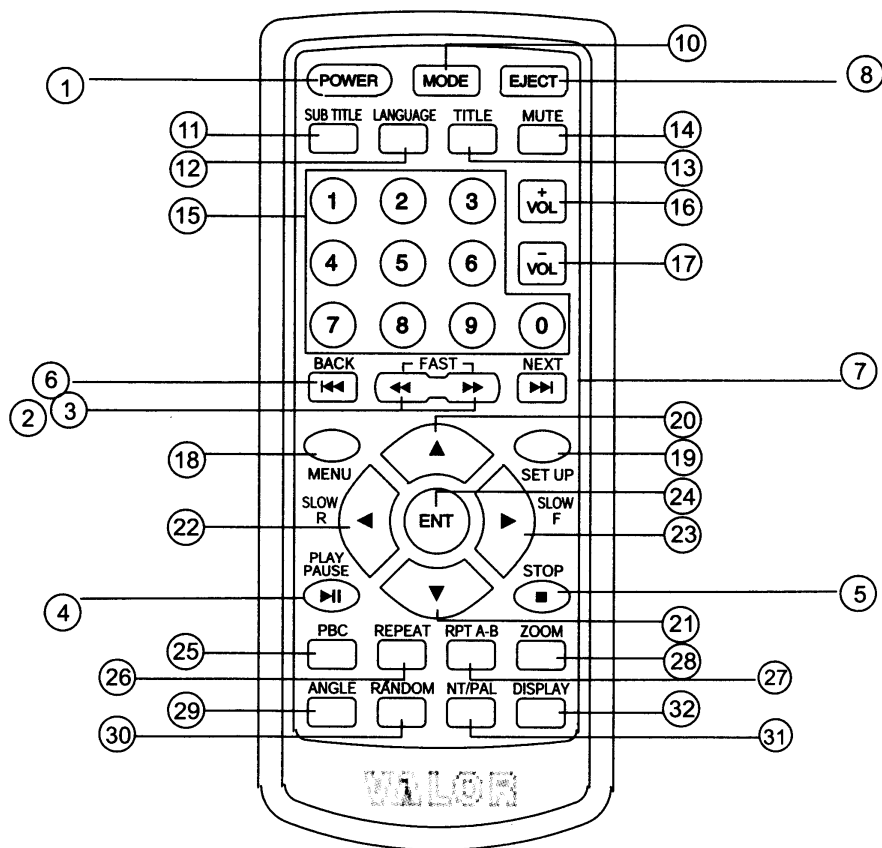
*The buttons located on the DV-190 front display and the remote control performing the same functions are assigned the same number(1-8) for reference on the diagrams and in the text.

General Operation

1. Power on / off

- Press the PWR(1 both in the front and remote control) button to turn on the unit, and the PWR button will be in red and the other buttons on the front of the unit will light up in blue.
- Press the PWR button again to turn off the unit. The lighted up buttons will be turned off in 3 seconds .

2. Insert / Eject disc

- Place the disc label into the disc slot(9). After inserting the disc, play starts automatically and the CD mode will be displayed if it is connected with any other mechanism with a screen.
- Press the EJECT(8) button to stop disc play and eject the disc.

3. Play / Pause / Stop

- The unit will play automatically when inserting a CD,VCD or DVD.
- When playing a disc, press once▶II button(4) in front of the unit or on remote control to pause, and press again to play again.
- Press■ button(5) in the front of the unit or in the remote control once to pause, and press twice to stop playing.
- Press Insert/Eject▲ button(8) also can stop playing.

4. Fast Forward / Reverse

- Press ◀◀ button(2) in the front of the unit or the remote control , ▶▶ in screen for fast reverse, increasing playback speed rate at X2, X4, X8, X16, Play(normal) by pressing more.
- Press ▶▶ button(3) in the front of the unit or in the remote control or NEXT, ▶▶ in screen for fast forward, increasing playback speed rate at X2, X4, X8, X16, Play(normal) by pressing more.

5. Chapter Up / Down

- Press◀◀ button(6) in the front of the unit or in the remote control to move to the previous track or chaper.
- Press▶▶ button(7) in the front of the unit or in the remote control to move to next track.

General Operation

6. Volume

Press the +VOL or -VOL button (16 and17 buttons in the remote control)to control the volume. 16 is highest, o is lowest volume.

-The volume can remain in previous loudness when turns on.

7. Mute

Press the Mute button (14 button in the remote control) to switch "Mute on" and "Mute off" status. When you turn on the "Mute on", the"Mute on" icon will be showed on the upper-left side of the screen.

SETUP OPERATION

Press SET UP button(19 in the remote control) to display SET UP menu. Using ▼ , ▲ , ◄ , ► buttons, move ► curser to the desired position and press ENT to operate. Press ◄ curser to back to menu.

Language

1. Menu Language :   English, French, Spanish, Pycck
2. Subtitle Language: Off, English, French, Spanish, Auto
3. Audio Language: English, French, Spanish, Russian
4. DVD Menu: English, French, Spanish, Russian

Video

1. Picture Mode: Auto1, Auto2, Film, Video1, Video2
2. Aspect Ratio :   4:3, 16:9
3. View Mode :   Fill , Original, Auto Fit , Pan Scan
4. TV System: Auto, PAL , NTSC

Audio

1. Digital Output : Off, PCM, All
2. Down sampling: On, Off

Rating

To enter this menu, you should insert 4-digit password, When you use for the first time, create new password.
1. Parental control: Unlock - 8(Adult) - 7 - 6 - 5 - 4 - 3 - 2 - 1(kids)
2. Password : You can change the password. Firstly insert the used password twice and insert new password.

Misc

Use Default Settings: Yes, No

AUDIO CD OPERATION

When you input CD to the slot, and the CD display will show in the screen, which has current track list on the left side and CD Setup Menu on the right.
Program Play

You can play a program by selecting the desired tracks in the list.
1. Using ▲ , ▼ buttons (20,21 buttons in the remote control), select a track want. The track will be highlighted by a yellow bar.
2. Using ▶ button (23 button in the remote control) , go to Program list on the right side of display.
3. If you want to quit the program list of the Audio CD, using ◀ button (button22 in the remote control) to quit.

Program List

- Repeat Play
    1) Using ◀ , ▶ button to select REPEAT bar on the Program List. Press ENT(24 button in the remote control) to change the repeat mode.
        * Single: Repeat single track which selected.
        * All: Repeat all tracks in the CD.
        *Off: Cancle the repeat mode
    2) Press REPEAT button (26 button in the remote control) directly to select the repeat mode you want.
    3) Repeat A-B: Press RPT A-B (27 button in the remote control) to make a starting point of A and press again to make a ending point of B. Then the unit will play from A to B without stop until you press the button again to turn off the repeating.

-Mode (Random / Normal / Music Intro)
    1) Using ◀ , ▶ button to select MODE bar on the Program List. Press ENT(24 button in the remote control) to change the play mode.
        * Normal: Play the track in turn.
        * Random: Play the track in a irregular form.
        * Music Intro: Play 10 seconds of Intro for each track.
    2) Press Random button (30 button in the remote control) directly to select the play mode you want.

AUDIO CD OPERATION

- Edit Mode

Using ◀ , ▶ button to select EDIT MODE bar on the Program List.
Press ENT(24 button in remote control) to select it.
After entering a Edit Mode, press ENT to select the wanted track.

- Program View

Using ◀ , ▶ button to select Program View bar. Press ENT(24
button in remote control) to select Browser view and Clear
program.

- Browser view
To browse tracks you selected.

- Clear program
Select the track you want to delet by ENT, and then press ▶ to
go to Clear program, and the press ENT.

- Add to program
Select tracks you want, and move to Add to program, press ENT, and
then tracks will be added to program.

VIDEO CD OPERATION

When you input VCD to the slot, and the VCD will play automaticaly and VCD display will show in the screen.

Play and Repeat

Same with the Audio CD Operation (Page 8).

PBC

PBC(Play Back Control) can be used with a VCD or SVCD that has PBC built into the disc.
1. To use PBC, insert your VCD or SVCD, then press the PBC button. If the PBC menu has a list of titles, you can select a title directly by using the number keys (0-9).
2. You can turn PBC off by pressing again PBC button.

Display Menu

Press DISPLAY button to display VCD DISPLAY menu.
You can select and operate by using ▲ ,▼ ,◄ ,► buttons, number keys (0-9) and ENT button.
1. PBC on / Track number
2. Disc Play Time / Disc Remain Time / Track Play Time / Track Remain Time
3. Channel : Stereo / Left / Right
4. Sound :   Normal / 3D Surround .

DVD OPERATION

Menu

When play a DVD, press Menu button(18 button in the remote control) to get back to Root Menu screen of the DVD.

Title

When play a DVD, press Title button(13 button in the remote control) to change the main language of the DVD.

Subtitle

When play a DVD, press Subtitle button(11 button in the remote control) to select subtitle language of the DVD.

Language

When play a DVD, press Language button(12 button in the remote control) to change the sound of the DVD.

Display

Press DISPLAY button to display DVD DISPLAY menu.
1. Time (Play Time / Remain Time)
2. Title
3. Chapter Title (Play Chapter / Whole Chapter)
4. Audio
5. Subtile
6. Angle
7. Bitrate
The Display menu disappears after 5 seconds.

A-B Repeat Play

Same with VIdeo CD Operation (Page 8)

DVD OPERATION

Zoom

Use the Zoom function to enlarge the video image.
Press ZOOM button (28 button in the remote control) to zoom in. Three "zoom in" status (Zoom1,Zoom2,Zoom3) and "zoom off" status can be selected.

NTSC / PAL Conversion

Press NT/PAL button to convert DVD display mode. You can select PAL, NTSC or AUTO.

Angle

If the disc has multi-angle function, you can select a desired angle and display by pressing ANGLE button.

* Little Tips:
   When play a DVD,   press ◄ , ► to slow the play speed, which can be reduced into 1/2,1/4,1/6 or 1/8.

TROUBLESHOOTING

Problem	Corrective Actions
No image or the screen quality is bad or shakes.	Confirm the power is on.
	Confirm the connection is good.
	Confirm the body is in a state of an instant stop.
	Confirm the disc is stained with alien materials or damaged.
	It can be not replayed when the manufacturing state of disc is bad.
	During the replay there can be, in a moment, shakes of screen up-and-down when a screen is chagned from dark to bright, but it is not a breakdown but should be reassured.
The quality of sound does not make even.	Confirm the connection with a Dolby digital amp.
	Confirm the connecting plug is not loose.
	Confirm the connecting terminal is not stained by alien materials.
The remote control does not work.	Confirm the angle of the remote control and distance is suitable and there is not any obstacles.
	, Confirm the flashlight battery of the remote control is enough.
Replay does not act.	After drawing out the disc, do not use 1 to 2 hours at the state of the power on. (If dew is disappeared, you can use again.) Confirm the disc is inserted.
	Confirm the printed side of the disc is upside.
	In case of a DVD the disc purchased abroad can not be replayed.
	Check the regional code number of the disc.
No sound	Don't replay with a slow motion or a screen of a divided movements. (In the state replaying the speed-change screen, no sound.)
	After confirming the connection, ascertain the SET UP is correctly established.
	Check if the disc put upside down. The printed side of the disc should be put upward.
	Check if the disc is damaged excessively. Rub the disc.
It does not run as the good's primary set-up.	The setup depends on the function of the disc(that of manufacture) which has the same function as a setup menu runs.

Problem	Corrective Actions
I cannot choose a ratio of a screen.	A DVD disc is manufactured as 16:9 wide, 4:3 Movie, and 4:3 screen according to a normal state of manufacture, a 16:9 wide disc can be seen as a 16:9 wide, 4:3 movie or 4:3 enlarged mode, and a 4:3 disc always provides a 4:3 screen.
	After affirming a DVD disc case, choose the function in suit with an action and use. For reference a 4:3 standardized disc does not teleview with an wide.
Dolby digital 5.1 channel cubic sound does not sound.	Dolby digital 5.1 channel cubic sound can be heard when it is matched to an exclusive dolby digital amp, and the disc recorded as 'Dolby digital 5.1CH' among DVD discs is only played.
Desirable spoken language and subtitles do not motion.	Only language sounds and subtitles recorded on the DVD disc motion and are replayed according to the recording.
A screen angle does not motion during the play.	The reproduction of a screen angle can be modified only if photographing per each angle is recorded on a DVD disc, and it moves only in case that an indication of angle presents on the product.

SPECIFICATION

DVD Output Mode		NTSC / PAL
Dynamic Range		90dB
S/N Ratio		100dB
Output	Audio Output Digital Audio Video Output	2 VOLT RMS OUT 20HZ~20KHZ ±3dB 1.0Vp-p: 75 OHM LOAD 1.0Vp-p: 75 OHM LOAD
Input	Audio Input Video Input	
External Remote		
Power Requirements		DC 12V
Dimension		174(D) x 178(W) x 26(H)mm
Weight		1.3kgs
Operating Temperature Range		-20 C ~ +60 C
Storage Temperature Range		-30 C ~ +80 C
Operating Humidity Range		0% ~ 80%

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NAME		DATE
SHIPPING ADDRESS (NO PO BOXES)		CITY
STATE	ZIP CODE	PHONE NUMBER

RETAILER NAME	RETAILER ADDRESS	RETAILER PHONE NUMBER
PRODUCT PURCHASED	PRODUCT SERIAL NUMBER	DATE OF PURCHASE

Why did you choose a Valor Multimedia product?
- ☐ Appearance
- ☐ Value
- ☐ Features
- ☐ Brand Name
- ☐ Other _____

How was your product acquired?
- ☐ Gift
- ☐ Internet Retailer
- ☐ Standard Retailer
- ☐ Specialty Store
- ☐ Mass Merchant / Discount Retailer

Where will this product be used?
- ☐ Personal Automobile
- ☐ RV
- ☐ Commercial Vehicle
- ☐ Other _____

How long have you owned your vehicle?
- ☐ Brand New
- ☐ < 1 year
- ☐ 1- 2 years
- ☐ 3 - 5 years
- ☐ > 5 years

Would you buy another Valor product?
- ☐ Yes
- ☐ No

Would you recommend a Valor product?
- ☐ Yes
- ☐ No